PRE-ENGINEERING WITH LEGO

Instructor: Playwell Technologies

Let your imagination run wild with over 100,000 pieces of LEGO®! Build engineer designed projects such as boats, bridges, mazes and motorized cars, and use special pieces to create your own unique design! Explore the endless creative possibilities of LEGO® building system with the guidance of an experienced Play-Well instructor. This is an ideal way to prepare young builders for the challenge of Engineering FUNdamentals.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115970-A1	7/18-7/22	5	M-F	9-12P	5y-6y	$159/$199

ENGINEERING FUNDAMENTALS WITH LEGO

Instructor: Playwell Technologies

Power up your engineering skills with Play-Well TEKnologies and over 100,000 pieces of LEGO®! Apply real-world concepts in physics, engineering and architecture through engineer-designed projects such as arch bridges, motorized gondolas and the Battletrack! Design and build as never before, and explore your craziest ideas in a supportive environment. An experienced instructor will challenge new and returning students to engineer at the next level.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115971-A1	7/18-7/22	5	M-F	1-4P	7y-12y	$159/$199

LEARN TO HOW TO WRITE CODE, A BEGINNER'S GUIDE

Instructor: Andy Livingston

All the tech greats started coding during their teen years, Zuckerberg, Gates and Jobs! Learn how to start writing Javascript and HTML code, program with Scratch and use an MIT developed program written especially for teens. Also covered will be computer maintenance and basics of computer hardware and operating systems. Students are required to bring their own laptop to camp.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115972-A1	7/11-7/15	5	M-F	8:30-12P	11y-16y	$269/$319
115972-B1	8/8-8/12	5	M-F	8:30-12P	11y-16y	$269/$319

COMPUTER TECHNOLOGY

Instructor: Andy Livingston

Does your child spend a lot of time on the computer or smart phone and do nothing productive? Expert in Facebook and YouTube? Teens can learn and do PRODUCTIVE computer projects, PRODUCE a Podcast, shoot and EDIT video, CREATE their own flash website, make their own 3D landscapes, design their own IPhone case, sneakers and more. Great fun will be had by all. You never know what career this might lead to? Movie producer, writer, graphic or web designer, architect or audio/video producer. Each student must bring their own laptop.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115979-A1	7/11-7/15	5	M-F	1-4P	11y-16y	$269/$319
115979-B1	8/8-8/12	5	M-F	1-4P	11y-16y	$269/$319

MINECRAFT PROGRAMMING

Instructor: C3 Cyberclub

Using a custom mod called "Computercraft," students will learn how to program robots called "Turtles" inside the world of Minecraft. Kids will utilize problem-solving skills by learning how to program their robots to complete various tasks such as programming their turtles to automatically build, mine, and craft items and structures. They will be introduced to programming ifthenelse statements, forwhile loops, and implement their own functions using LUA, a simple scripting language. Looking for a fun way to introduce your child to programming? Why not do it using a game they love! **Note:** Basic reading skills required. Experience playing Minecraft preferred, but not required.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115973-A1	7/11-7/15	5	M-F	1-4P	10y-14y	$275/$325

JUNIOR MINECRAFT PROGRAMMING

Instructor: C3 Cyberclub

Using a custom mod called "Computercraft", students will learn how to program robots called "Turtles" inside the world of Minecraft. Kids will utilize problem-solving skills by learning how to program their robots to complete various tasks and objectives such as programming their turtles to automatically build, mine, and craft items and structures. They will be introduced to programming if-then-else statements, for-while loops, and implement their own functions using Lua, a simple scripting language. Looking for a fun way to introduce your child to programming? Why not do it using a game they love! **Note:** Basic reading skills required. Experience playing Minecraft (on any platform) required! Please email us for details.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115974-A1	7/11-7/15	5	M-F	9-12P	6y-9y	$275/$325

JUNIOR MINECRAFT ANIMATION

Instructor: C3 Cyberclub

In this class, students will be introduced to basic animation techniques using Minecraft characters and stages. Kids will expand their observation skills and imagination by studying motion in reality and how it influences motion in animation. Students will create various short animation exercises and projects by applying basic acting theories and animation principles to scenes they create. Does your child aspire to become an animator?

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115975-A1	6/27-7/1	5	M-F	9A-12P	6y-9y	$275/$325

MINECRAFT ANIMATION

Instructor: C3 Cyberclub

In this class, students will be introduced to basic animation techniques using Minecraft characters and stages. Kids will expand their observation skills and imagination by studying motion in reality and how it influences motion in animation. Students will create various short animation exercises and projects by applying basic acting theories and animation principles to scenes they create. Does your child aspire to become an animator? Sign up for this class today!

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115976-A1	6/27-7/1	5	M-F	1-4P	10y-14y	$275/$325

GAME DEVELOPMENT AND LEVEL DESIGN
Instructor: C3 Cyberclub

Now available for grades 1st-3rd, this special class is specifically designed for young children to cultivate their interest to become game designers, multimedia artists, engineers, programmers and more! Give your child the opportunity to see how professional games are made. Learn cutting edge computer skills through the fun art of 3D Game Design using award-winning Platinum Arts Sandbox. In this exciting class, children will use basic 3D modeling skills to create their very own video game level. They will learn to customize game attributes and build their own virtual world from scratch. Students will create puzzles and challenges using jump pads, elevators, lava, and more! Acquire computer skills, mathematics, creativity and basic problem solving skills. Looking for a way to introduce your child to the wonderful world of video game design? This is a great place to start!

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115977-A1	7/25-7/29	5	M-F	9-12P	6y-9y	$275/$325

3D GAME DESIGN
Instructor: C3 Cyberclub

In this exciting camp, children will use basic 3D modeling skills to create their very own platform-based video game. Students create their own unique puzzles and challenges in a 3D game world utilizing tools such a teleporters, jumppads, and lava. They also learn how to add characters, customize game attributes, and build their own virtual world from scratch. Students use their imagination, and problem-solving skills in order to find new ways to create different in-game puzzles for their classmates to solve. By the last day of camp students will have a fully functional level and will receive a link to download the software and student levels. Looking for a way to introduce your child to the wonderful world of video game design? This is a great place to start!

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115978-A1	7/25-7/29	5	M-F	1P-4P	9y-14y	$275/$325

MINE, CRAFT, BUILD: JEDI ADVENTURE GAME
Instructor: Playwell Technologies

Mine, craft, and build the Star Wars universe using Leo! Roll the dice to gather Jedi resources. Then build a Pod Racer, Craft a Droid, or create the Treehouse Village of Endor! This novice Play-Well LEGO game is inspired by the Minecraft tablet game and the Star Wars fantasy setting.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115980-A1	6/27-7/1	5	M-F	9-12P	5y-6y	$159/$199

MINE, CRAFT, BUILD: JEDI SURVIVAL GAME
Instructor: Playwell Technologies

Mine, craft, and build the Star Wars universe using Leo! Roll the dice to gather Jedi resources. Then build a Starship, craft Light Sabers, and use the Force to survive Empire attacks. This advanced Play-Well LEGO game is inspired by the Minecraft tablet game and the Star Wars fantasy setting.

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
115981-A1	6/27-7/1	5	M-F	1-4P	7y-12y	$159/$199

MAKING AN IPHONE GAME
Instructor: Funutation Tekademy

Tekkies use drag-and-drop methods to create games for iPhones and iPads using GameSalad. Add objects and sound. Implement scoring and award the winner! Kids gain the opportunity to acquire skills using our trademarked Funutation TEAMS® hands-on, inquiry-based model. Tekkies work in teams of two as they build, investigate, and discuss coding principles in action. Optional: Developer's License from Apple for $99. *NO CLASS 7/4,7/9,7/10

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
122561-A1	7/5-7/15	8	M-F	9-11:45A	8y-15y	$425/$475

MAKING A SAMSUNG ANDROID GAME
Instructor: Funutation Tekademy

Tekkies discover how to create complex apps on a computer that appear on an Android phone or tablet using Java. Participants will experience the basics of computer programming to design a landscape, create basic animation, mix digital sounds, and make special effects such as explosions to be used in their apps. Kids gain the opportunity to acquire skills using our trademarked Funutation TEAMS® hands-on, inquiry-based model. Tekkies work in teams of two as they build, investigate, and discuss coding principles in action. An Android is not required to take this camp as the games are developed on a computer. *NO CLASS 7/4,7/9,7/10

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
122562-A1	7/5-7/15	9	M-F	9-11:45A	8y-15y	$425/$475

MINECRAFT MAGIC
Instructor: Funutation Tekademy

Tekkies create games with 3D models and battle against powerful enemies. Download and install mods and maps into your gaming masterpiece. Test the strength of your mods with Funutation. Kids acquire tech skills using our trademarked Funutation TEAMS® hands-on, inquiry-based model. Tekkies work solo as they investigate different ways to play Minecraft®. Make sure you have a Minecraft account prior to the first day of event. Bring your computer or rent ours for $25 at **www.funutation.com**. *NO CLASS 7/4,7/9,7/10

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
122564-A1	7/5-7/15	8	M-F	12:15-3P	8y-11y	$425/$475

MINECRAFT MODDING WITH JAVA

Instructor: Funutation Tekademy

Create a game with 3D models and battle against powerful enemies. Implement modding into your gaming masterpiece using Java. Acquire resources and maintain health. There will be plenty of time to test your mods with other tekkies. Kids acquire tech skills using our trademarked Funutation TEAMS® hands-on, inquiry-based model. Tekkies work solo as they investigate and discuss coding principles in action. Please have a Minecraft account prior to the first day of camp. Bring your own computer or rent ours for $25 at **www.funutation.com**. *NO CLASS 7/4,7/9,7/10

Location: JHMS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
122565-A1	7/5-7/15	8	M-F	12:15-3P	8y-11y	$425/$475

TENNIS

LITTLE SHOTS TENNIS CAMPS

Instructor: First Serve Tennis

An introduction through fun games and activities designed to build eye-hand coordination and familiarity with the tennis ball and racket. A tennis racket is required.

Location: ML

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
116040-A1	6/27-7/1	5	M-F	8:15-9:30A	4y-6y	$125/$157
116040-B1	7/11-7/15	5	M-F	8:15-9:30A	4y-6y	$125/$157
116040-C1	7/25-7/29	5	M-F	8:15-9:30A	4y-6y	$125/$157
116040-D1	8/8-8/12	5	M-F	8:15-9:30A	4y-6y	$125/$157
116040-E1	8/22-8/26	5	M-F	8:15-9:30A	4y-6y	$125/$157

TENNIS 1 FUNDAMENTALS CAMP

Instructor: First Serve Tennis

Through fun skill building games, beginners and advanced beginners learn and develop the fundamental strokes. Students are encouraged to repeat this class until they can consistently put the ball in play. *NO CLASS 7/4

Location: ML

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
116041-A1	6/27-7/1	5	M-F	9:45-12:15P	7y-10y	$250/$300
116041-B1	7/11-7/15	5	M-F	9:45-12:15P	7y-10y	$250/$300
116041-C1	7/25-7/29	5	M-F	9:45-12:15P	7y-10y	$250/$300
116041-D1	8/8-8/12	5	M-F	9:45-12:15P	7y-10y	$250/$300
116041-E1	8/22-8/26	5	M-F	9:45-12:15P	7y-10y	$250/$300
116041-F1	7/5-7/8	4	T-F	9:15-12:20P	10y-14y	$250/$300
116041-G1	7/18-7/22	5	M-F	9:45-12:15P	10y-14y	$250/$300
116041-H1	8/1-8/5	5	M-F	9:45-12:15P	10y-14y	$250/$300
116041-I1	8/5-8/19	5	M-F	9:15-12:20P	10y-14y	$250/$300

ALL KIDS SPORTS AND GAMES

Instructor: Helen Petrakes

Get Moving with All Sports & Games mini-camps this summer. Campers will enjoy a packed three days of sports, games, skill development and special events (scavenger hunts, nature hikes, and water activities) and arts & crafts offered each day. Campers should wear athletic shoes, sunscreen and bug spray. Bring water bottles and a snack each day.

Location: CAFFI

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
105691-A1	5/31-6/2	3	Tu-Th	9:15-12P	3y-6y	$128/$160
105691-B1	6/7-6/9	3	Tu-Th	9:15-12P	3y-6y	$128/$160
105691-C1	6/14-6/16	3	Tu-Th	9:15-12P	3y-6y	$128/$160
105691-D1	6/21-6/23	3	Tu-Th	9:15-12P	3y-6y	$128/$160
105691-E1	6/28-6/30	3	Tu-Th	9:15-12P	3y-6y	$128/$160
105691-F1	8/2-8/4	3	Tu-Th	9:15-12P	3y-6y	$128/$160
105691-G1	8/9-8/11	3	Tu-Th	9:15-12P	3y-6y	$128/$160

MULTI-SPORT CAMP

Instructor: Blue Box Sports

Parents, what do kids want to do when school's out? They want to have a lot of fun! At the Blue Box Sports Camp, we provide your child with an experience like no other. Campers will participate in multiple sports throughout the day in addition to games, crafts, and more all while having a great time making new friends in a safe environment. Campers will learn the basic skills of each sport that we play, and will help build on the knowledge and skills that they already have.

Location: CAFFI

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
116691-A1	6/27-7/1	5	M-F	9-5P	5y-10y	$225/$275
116691-B1	7/25-7/29	5	M-F	9-5P	5y-10y	$225/$275
116691-C1	8/15-8/19	5	M-F	9-5P	5y-10y	$225/$275

BASKETBALL CAMP

Instructor: Rodney Ward

Campers will have skill topic instruction as well as guest speakers to help enhance basketball skills. Portable baskets, which adjust to a lower shooting height, will be used for younger campers. Campers will have the opportunity to work with college and varsity high school basketball players. Director, Rodney Ward, Associate Head Coach (Largo High School) has over 18 years of coaching experience in the metropolitan area.

Location: ML BASKETBALL COURTS

Activity #	Dates	# of Classes	Day	Time	Age	R/NR
116090-A1	8/1-8/5	5	M-F	9-1P	7y-12y	$140/$175
116090-B1	8/8-8/12	5	M-F	9-1P	7y-12y	$140/$175